Test-fractions (C.m. 13) Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Estimate: Show your work.**

1) 19 ¾ - 16 2) 3) 4) 6 x 5

Solve. Circle the correct answer. Show all work. Watch your signs!

5) = 6) =

b)

d)

b)

d)

a) a)

c) c) 5

7) = 8) =

a) a) b)

b) 1

d)

c) c ) d)

**Solve. Circle your answer and show all work!**

9) = 10) =

11) 28 – = 12) =

13) Which figure models 2/3 x 4/5?

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a) b) c)

For each of the problems below, MODEL to find your answer. Write and circle your answer.

14) 1/3 2

15) 5 2/3

16) Write the division problem and quotient modeled below:

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17) Write the division problem and quotient modeled below:

0 1 2 3 4 5 6 7 8

18) What is the reciprocal of ?

Calculator Active! **Solve each problem. Show your work and**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**circle your answer.** (Remember…estimate before working the problem and use your math sense to see if your

answer is reasonable.)

19. For a project, Sheri needs pieces of wood that are 8 ¾ inches long. How many pieces can she

cut from a piece of wood that is 4 feet long?

a) 3 pieces b) 4 pieces c) 5 pieces d) 6 pieces

20. Amy and Elena shared a large pizza for lunch. Amy ate ¼ of the pizza

and Elena ate 5/12 of it. How much did they eat together?

a) ½ b) 2/3 c) ¾ d) 1

21. Saturday morning you rode your bike 4 miles, then you jogged for 1 ½ miles. How

much farther was your bike ride than your jog?

a) 5 ½ miles b) 3 ½ miles c) 2 ½ miles d) 1 ½ miles

22. The gas gauge on Kyleigh’s car read of a tank this morning. It now reads of a tank.

How much gas did she use today?

a) 1/8 tank b) 3/8 tank c)1/2 tank d) ¾ tank

23. A recipe that makes 2 dozen cookies calls for cups of sugar. How much sugar

will I need to make 9 dozen cookies?

a) 7 cups b) 15 cups c) cups d) 7cups

24. Rahn is building a bookshelf with 5 shelves. Each shelf will be 2 ¾ feet wide.

How much wood does he need to use for the shelves?

a) 10 ¾ ft. b) 12 ½ feet c) 13 feet d) 13 ¾ feet

25. A package of hamburger contains 2 ½ pounds. You used ¾ of the package.

How much hamburger did you use?

26. You need to build a pen for a dog. What will the perimeter be if its dimensions

are 14 ½ feet by 10 ¾ feet?

27. What will be the area of the pen be with the above dimensions?